



State of Utah


DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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August 30, 2000

TO: Minerals File

FROM: D. Wayne Hedberg, Permit Supervisor 

RE: Documentation of August 29, 2000 Conference Call, Assessment Review & Status of Closure & Reclamation Activities, North Lily Mining Company, Tintic Project, M/023/007, Juab County, Utah

Date of Call/Meeting: August 29, 2000
Location: Division Offices
Time of Call/Meeting: 9:30 - 10:30 a.m.
Participants: Steven Flechner, Gene Webb & Walt Shubert - North Lily Mining Company; Bob Bayer - JBR Consultants; Wayne Hedberg, and Doug Jensen - DOGM; Dennis Frederick - DWQ

Purpose of Call/Meeting: The purpose of this conference call was to document the progress that has been made to date at the Tintic Project site in terms of heap closure and final site reclamation since our last conference call.

On August 29, 2000, a conference call was held between the representatives identified above to discuss the status of ongoing closure and reclamation activities at the Tintic Project site. The discussion focused principally on the results/findings of the latest August 22, 2000 site inspection, and actions that have occurred on site since then. A summary of the discussion items follows:

- Wayne acknowledged that DOGM and DWQ had received the conceptual post-closure water management plan from JBR on August 25th. Both agencies were currently reviewing and hoped to have comments available by September 8th. Bob asked if we would contact him directly with verbal feedback and questions, if possible, to assist them in preparing the final post-closure plan which is due September 15th. We agreed to try and accommodate his request.
- Bob Bayer discussed status of soils sampling analysis. He said that the data should be compiled by next week and that depending upon the results, this could affect the final post-closure management design plans.
- Bob confirmed that they have stopped applying solutions back onto the heap. Only the two in-pond misting evaporation systems have been used since the last DOGM site inspection. Bob

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estimates that the drain down from the heap has reduced from approximately 30 gpm to 20 gpm. He asked Walt to send him Elwin's latest field flume/flow measurement notes so that he can prepare a graph showing the changes in flow over time. He said he hoped to have the graph prepared and sent to us by the end of this week.

- Bob and Walt stated they had began to install the under drain pipe in the west side solution conveyance ditches, but ran into equipment problems with their trackscavator this past week. They will need to bring in some more gravel and purchase more drain pipe as well. They anticipate completing this work by September 3rd.
- Bob discussed the need to apply a spring herbicide to help control the knapweed problem in the area. He stated his support of not reapplying the existing topsoil resources that have already been contaminated by knapweed. He stated he had located a source of composted dairy manure near Delta that could be used to supplement the heap material. We advised the operator that we had not reached a final decision in this regard, but our preliminary assessment seemed to support this position.
- Doug and Dennis also suggested that the operator consider having Elwin maintain daily written records of the pumping rates and the number of hours per day that the pump(s) are operating to get a better handle on volume of solutions passing through the evaporative system. Bob asked Walt if the 2nd backup pump had been hooked up in series yet to help boost the pressure for the misters. Walt said that he had added another 4 misters to the system and they have been able to maintain 68-70 psi of pressure with just one pump, which was sufficient pressure. Doug supported not hooking the 2nd pump in series, but to keep it separate as backup in case the 1st pump fails.
- Walt said that the patching of the holes in the ditch liner is almost completed. He said there are a couple patches near the convergence of the north and west ditches (near the flume) that will need to be reglued. He will be taking down a new can of glue from Rainy Day Inc. with him and have Elwin repair those patches. Solutions are presently being diverted around those patches so no flow in lost under the liner.
- Walt stated that he had 2 drain lines running east that still need to be dug up, repaired and tied into the pad underdrain system as well.
- Bob said that several samples were taken during the August 22nd inspection of the potential hazardous waste materials located within the plant site area. These have been submitted to the lab for analyses. The hazardous waste inventory has also been completed and will be layed out on a spreadsheet and submitted to the regulatory agencies as soon as possible.
- Doug asked how soon they planned to transport the cyanide and caustic soda to Kennecott. Bob said he needed to discuss this with Scott Page (his haz-mat specialist) to schedule an appropriate time. He would let us know as soon as possible. He said he would like to schedule just one transport for everything at once if possible.

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- Wayne asked Bob if additional water samples had been collected during the August 22nd inspection. Bob confirmed that he had taken the samples and sent them to the Chemtech Ford laboratory for analysis.

We ended the conference call with DOGM agreeing to type up the conference call minutes and send same along with a copy of the recent First Security Bank letter to Steve and Gene regarding the revised reclamation surety (Certificate of Deposit) account. We confirmed the next conference call for September 12th at 9:30 a.m. Doug stated he and Beth Wondimu would like to meet Walt onsite September 11th to evaluate the status of closure activities before the call.

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cc: Steve Flechner, NLMC
Bob Bayer, JBR
Beth Wondimu, DWQ
Pam Grubaugh-Littig, DOGM
Doug Jensen, DOGM
Tom Munson, DOGM

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